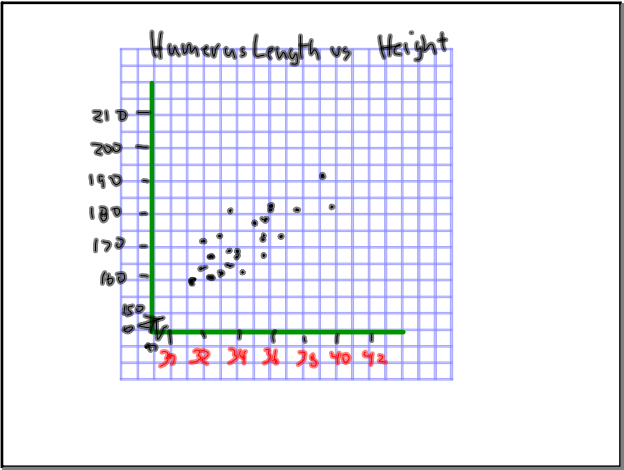


Scatter Plots		
Student #	Height (cm)	Humerus Length (cm)
1	166	32.5
2	173.5	33
3	160	32.5
4	183	36
5	158	31.5
6	171.5	32
7	169	33.5
8	175	35
9	178	35.5
10	166	34
11	191	39
12	173	36.5
13	164	33.5
14	172	34.5
15	182	39.5
16	163	32
17	160.5	33
18	160.5	34.5
19	168	34
20	181	36

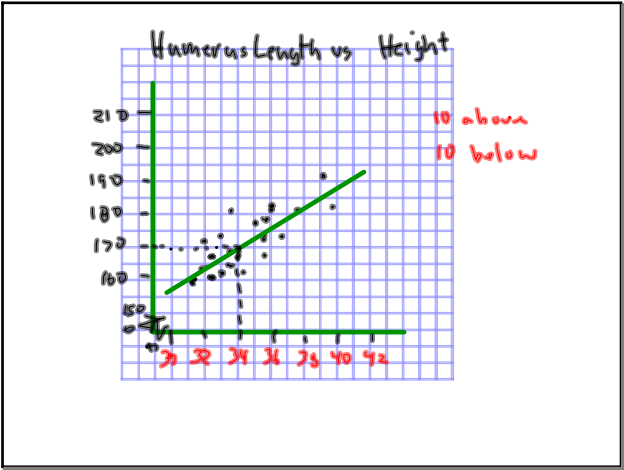
Apr 9-1:30 PM

Scatter Plots		
Student #	Height (cm)	Humerus Length (cm)
21	181	37.5
22	166	35.5
23	171	35.5
24	161	33.5
25		
26		
27		
28		
29		
30		

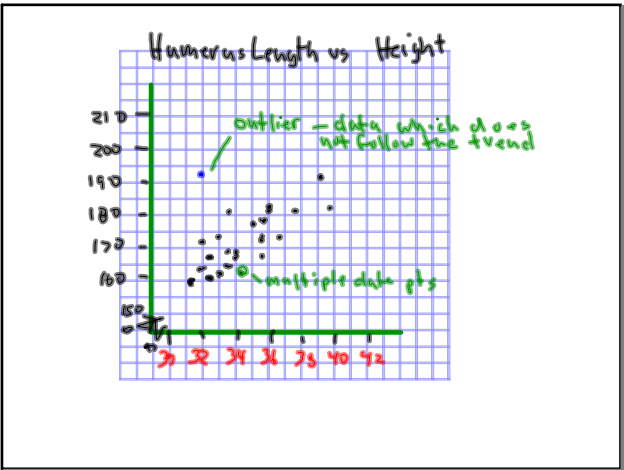
Apr 9-1:30 PM



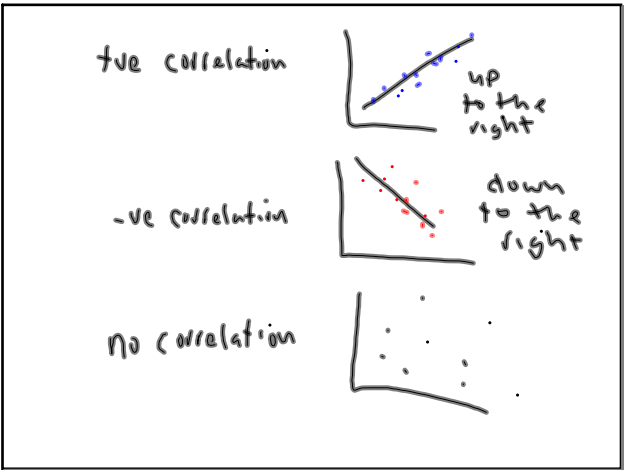
Apr 13-1:02 PM



Apr 13-1:02 PM



Apr 13-1:02 PM



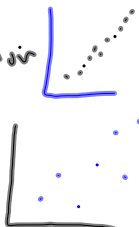
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Scatter Plots- try to show if there is a pattern between two variables

This pattern can be measured using a correlation value

-1 or $+1$ = Strongest correlation

0.3 or -0.3 = weak correlation



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The Line of Best Fit

To create;

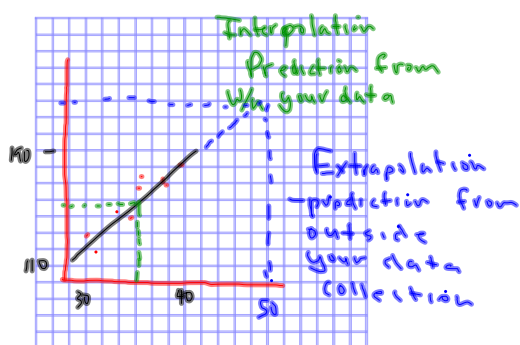
Line must describe data

Same number of pts above and below the line

Pts are relatively equidistant from the line of best fit

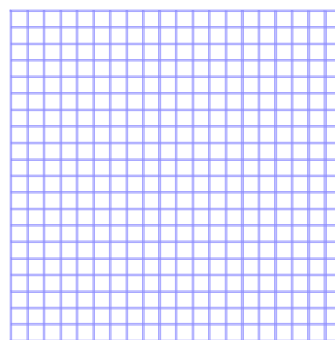
Create line of Best fit in order to
Interpolate and Extrapolate data off
the scatterplot

Apr 13-1:39 PM



p69-70 q 1-5, 8 cd 10,11

Apr 13-1:02 PM



Apr 13-1:02 PM